

## REMARKS

Applicants respectfully request reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

Claims 4, 12, 14, 19, 20, 22, 23, 40, 42, and 43 have been amended to correct minor informalities and objections as requested by the Examiner. Claims 38, 39, and 41 have been canceled. Claims 1-37, 40, 42, and 43 are now pending in this application.

In Section 1 of the Office Action, the drawings were objected to because elements and labels in the Figures appear to handwritten. Corrected drawings are enclosed to replace FIGs. 1-10. The handwritten numbers have been replaced with typewritten numbers.

In Section 2 of the Office Action, claim 12 is objected to because the phrase “from the” should be “to the.” Applicants thank Examiner for detecting this error. Claim 12 has been amended accordingly.

In Section 2 of the Office Action, claim 16 is objected to because of the informality that “reflective elements” should be “reflecting element” to establish proper antecedent basis. Applicants respectfully disagree. Claim 14 from which claim 16 depends includes “a first reflective element” and “a second reflective element.” Thus, claim 14 provides the proper antecedent basis for “the first and second reflective elements” of claim 16.

In Section 2 of the Office Action, claim 23 is objected to because of the informality that “the detector” should be “the infrared detector” to establish proper antecedent basis. Claim 23 has been amended to provide the proper antecedent basis.

In Section 2 of the Office Action, claim 24 is objected to because of the informality that “reflective elements” should be “reflecting element” to establish proper antecedent basis. Applicants respectfully disagree. Claim 19 from which claim 24 depends includes “a first

reflective element” and “a second reflective element.” Thus, claim 19 provides the proper antecedent basis for “the first and second reflective elements” of claim 24.

In Section 3 of the Office Action, claim 19 is objected to for being unclear and indefinite. Claim 19 has been amended to clearly indicate the appropriate beam path.

In Section 4 of the Office Action, claim 40 is objected to for being unclear and indefinite. Claim 40 has been amended to clearly indicate that the detector is an array detector.

In Section 5 of the Office Action, claims 30 and 37 are objected to under 37 C.F.R. § 1.75 as being a substantial duplicate of claim 41. In response, claim 41 has been canceled. Claims 42 and 43 that depend from claim 41 have been amended to depend from claim 37. Claim 43 has been amended in a similar manner to claim 40.

In Section 6 of the Office Action, claim 26 is objected to under 37 C.F.R. § 1.75 as being a substantial duplicate of claim 38. In response, claim 38 has been canceled. Claim 39 that depends from claim 38 has also been canceled. Claim 40 that depends from claim 38 has been amended to depend from claim 26.

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2350. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-2350. If any extensions of time are needed for timely acceptance of papers

submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 50-2350.

Respectfully submitted,

Date September 7, 2005

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